

Docket No.: 060188-0773



**PATENT**

DAC  
JFW

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of : Customer No.: 20277  
Kyoji YAMASHITA, et al : Confirmation No.: 5633  
Serial No.: 10/777,068 : Group Art Unit: 2858  
Patent No.: 6,982,555 B2 :  
Filed: February 13, 2004 : Examiner: Anjan K. DEB  
Issued: January 3, 2006 :  
For: SEMICONDUCTOR DEVICE :

**PETITION TO CORRECT ASSIGNEE DATA**  
**UNDER 37 CFR §1.183**

**MAIL STOP PETITIONS/CERTIFICATE OF CORRECTION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant respectfully requests that consideration be given to issue a Certificate of Correction to correct the Assignee data, by including data for a second Assignee, in the above-identified Patent. The Request for Certificate of Correction Under 37 CFR 1.323 is being filed concurrently herewith.

Applicant hereby petitions and requests the requirements of 37 CFR 1.183(a) or (b) to be waived in order to correct the Assignee data for the above Patent. This request is hereby made to add the name and address of the second Assignee as follows: -- **RENESAS TECHNOLOGY**

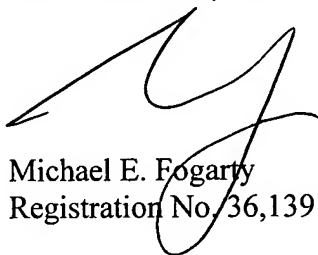
**CORP. TOKYO, JAPAN** --. The Assignment showing the data for the second Assignee was recorded February 13, 2004, at Reel 014977, Frame 0092.

03/24/2006 HREYEH1 00000027 580417 10777068  
01 FC:1464 130.00 DA

The petition fee as set forth under 37 CFR §1.117(h) in the amount of \$130 and the Certificate of Correction Fee under 37 CFR 1.20 are hereby made and requested to be charged to Deposit Account No. 50-0417. Please charge any shortage in fees due in connection with the filing of this paper to Deposit Account 50-0417 and credit any excess fees to such deposit account.

Respectfully submitted,

MCDERMOTT, WILL & EMERY



Michael E. Fogarty  
Registration No. 36,139

600 13<sup>th</sup> Street, N.W.  
Washington, DC 20005-3096  
(202) 756-8000 MEF:bd  
**Date: March 22, 2006**  
Facsimile: (202) 756-8087

WDC99 1212429-1.060188.0773

Docket No.: 060188-0773



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of	:	Customer Number: 20277
	:	
Kyoji YAMASHITA, et al.	:	Confirmation Number: 5633
	:	
Application No.: 10/777,068	:	Group Art Unit: 2858
Patent No.: 6,982,555 B2	:	
	:	
Filed: February 13, 2004	:	Examiner: DEB, ANJAN K.
Issued: January 3, 2006	:	
	:	
For: SEMICONDUCTOR DEVICE	:	

**REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 CFR 1.323**

Mail Stop CERTIFICATE OF CORRECTION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In reviewing the above-identified patent, a printing error was discovered therein requiring correction in order to conform the Official Record in the application. The error was made in good faith and was of a clerical or typographical nature or of minor character.

The error noted is set forth on the attached copy of form PTO-1050 Rev. 2-93 in the manner required by the Commissioner's Notice.

Specifically, on the title page, in Item "(73) Assignee", the data for the second assignee is missing. Please insert -- **RENESAS TECHNOLOGY CORP., Tokyo (JP)** --. Copies of the Notice of Recordation of February 13, 2004 and assignment showing the listing for the second assignee are attached for your information and convenience. The requisite Petition under 37 CFR 1.183 is being filed concurrently herewith.

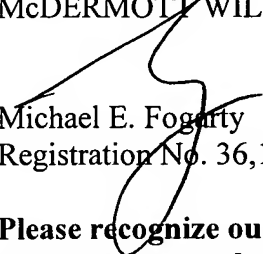
10/777,068  
6,982,555 B2

Please charge the \$100.00 filing fee to our Deposit Account 500417.

Please charge any shortage in fees due in connection with the filing of this paper to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

McDERMOTT WILL & EMERY LLP

  
Michael E. Fogarty  
Registration No. 36,139

**Please recognize our Customer No. 20277  
as our correspondence address.**

600 13<sup>th</sup> Street, N.W.  
Washington, DC 20005-3096  
Phone: 202.756.8000 MEF:bd  
Facsimile: 202.756.8087  
**Date: March 22, 2006**

WDC99 1212466-1.060188.0773

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6982555

DATED : January 03, 2006

INVENTOR(S) : Kyoji YAMASHITA, et al.

It is certified that error appears in the above-identified patent and that said Letter Patent is hereby corrected as shown below:

Title Page,

Item "(73) Assignee",

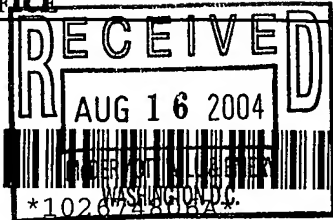
After "Osaka (JP)", add

-- **Renesas Technology Corp.**, Tokyo (JP) --



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE



AUGUST 12, 2004

PTAS

MCDERMOTT, WILL & EMERY  
MICHAEL E. FOGARTY  
600 13TH STREET, N.W.  
WASHINGTON, D.C. 20005-3096

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/13/2004

REEL/FRAME: 014977/0092  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: 60188-773

ASSIGNOR:

YAMASHITA, KYOJI

DOC DATE: 02/09/2004

ASSIGNOR:

KUNIKIYO, TATSUYA

DOC DATE: 02/09/2004

ASSIGNOR:

WATANABE, TETSUYA

DOC DATE: 02/09/2004

ASSIGNOR:

KANAMOTO, TOSHIKI

DOC DATE: 02/09/2004

ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL  
CO., LTD.  
1006, OAZA KADOMA, KADOMA-SHI  
OSAKA 571-8501, JAPAN

014977/0092 PAGE 2

ASSIGNEE:

RENESAS TECHNOLOGY, CORP.  
4-1, MARUNOUCHI 2-CHOME, CHIYODA-  
KU  
TOKYO 100-6334, JAPAN

SERIAL NUMBER: 10777068  
PATENT NUMBER:  
TITLE: SEMICONDUCTOR DEVICE

FILING DATE: 02/13/2004  
ISSUE DATE:

ALLYSON PURNELL, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



02-23-2004

FORM PTO-1595  
(Rev. 10/02)U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Docket No.: 60188-773



102674806

To the Honorable Commissioner for Patents

Please record the attached original documents or copy thereto:

1. Name of Conveying Party(ies): 2.13.04

Kyoji YAMASHITA, Tatsuya KUNIKIYO, Tatsuya  
WATANABE, Toshiki KANAMOTOAdditional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: February 9, February 9, February 9, February 9,  
2004

2. Name and address of receiving party(ies):

Name: MATSUSHITA ELECTRIC INDUSTRIAL CO.,  
LTD.Address: 1006, Oaza Kadoma,  
Kadoma-shi,  
Osaka 571-8501, Japan

Name: RENESAS TECHNOLOGY, CORP.

Address: 4-1, Marunouchi 2-chome, Chiyoda-ku,  
Tokyo 100-6334, JapanAdditional name(s) & address(es) attached? ☐ Yes ☐ No

4. Application number(s) or patent number(s): 10777068

If the document is being filed together with a new application, the execution date of the application February 9, February 9,  
is: February 9, February 9, 2004

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached? ☐ Yes ☐ No5. Name and address of party to whom correspondence  
concerning document should be mailed:

Name: MCDERMOTT, WILL &amp; EMERY

Internal Address:

Street Address: 600 13th Street, N.W.

City: Washington State: D. C. Zip: 20005-3096

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

500417

DO NOT USE THIS SPACE

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy  
of the original document.*

Michael E. Fogarty, 36,139

Name and Registration No. of Person Signing

Signature

February 13, 2004

Date

Total number of pages including cover sheet: 4

OMB No. 0651-0027 (exp. 6/30/2005)

22387 U.S. PTO  
10/777068

021304

02/20/2004 10/777068 500417 40.00 DA

01 FC:8021



Attorney Docket No. \_\_\_\_\_

**ASSIGNMENT**

WHEREAS, Kyoji YAMASHITA, Tatsuya KUNIKIYO, Tetsuya WATANABE,  
Toshiki KANAMOTO (hereinafter designated as the undersigned) has (have) invented certain  
 new and useful improvements in SEMICONDUCTOR DEVICE  
 \_\_\_\_\_ for which the  
 undersigned has (have):

- (a) filed an application for Letters Patent of the United States of America on  
 \_\_\_\_\_ having Serial No. \_\_\_\_\_; or
- (b) executed an application for Letters Patent of the United States of America on the  
 date(s) indicated below; and

WHEREAS, Matsushita Electric Industrial Co., Ltd. of  
1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, Japan and  
Renesas Technology, Corp. of  
4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-6334, Japan  
 its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is  
 desirous of acquiring the entire right, title and interest in and to said invention and in and to any  
 Letters Patent(s) that may be granted therefor in the United States of America;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the  
 undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and  
 valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these  
 presents do sell, assign and transfer unto the Assignee the full and exclusive right to the said  
 invention in the United States of America and its territories and for all foreign countries,  
 dependencies and possessions and the entire right, title and interest in and to the application and  
 any and all Letters Patent(s) which may be granted therefor in the United States of America and  
 its territories, dependencies and possessions, and in and to any and all divisions, reissues,  
 continuations and extensions thereof for the full term or terms for which the same may be  
 granted.

The undersigned agree(s) to execute all papers necessary in connection with this application  
 and any continuing, divisional or reissue applications thereof and also to execute separate  
 assignments in connection with such applications as the Assignee may deem necessary or  
 expedient.

The undersigned agree(s) to execute all papers necessary in connection with any  
 interference which may be declared concerning this application or any continuation, division or  
 reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the  
 Assignee in every way possible in obtaining and producing evidence and proceeding with such  
 interference.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to the Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

This Assignment has been executed by the undersigned on the date(s) indicated.

Date: February 9, 2004

Kyoji Yamashita

**Kyoji YAMASHITA**

Date: \_\_\_\_\_

**Tatsuya KUNIKIYO**

Date: \_\_\_\_\_

**Tetsuya WATANABE**

Date: \_\_\_\_\_

**Toshiki KANAMOTO**

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to the Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

This Assignment has been executed by the undersigned on the date(s) indicated.

Date: \_\_\_\_\_

\_\_\_\_\_  
**Kyoji YAMASHITA**

Date: February 9, 2004.

Tatsuya Kuniakiyo  
**Tatsuya KUNIKIYO**

Date: February 9, 2004.

Tetsuya Watanabe  
**Tetsuya WATANABE**

Date: February 9, 2004.

Toshiki Kanamoto  
**Toshiki KANAMOTO**

Date: \_\_\_\_\_

\_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_